Development of Golden Rice

4344. SHRIMATI PREMA CARIAPPA : Will the Minister of AGRICULTURE be pleased to state:

(a) whether Government are aware that the University of Agriculture Science, Bangalore, has come forward for development of 'Golden Rice* in our country to solve the malnutrition in rural India;

(b) if so, details of the status thereof; and

(c) whether Government consider encouragement of this in rural focused programmes if so, the details thereof?

THE MINISTER OF STATE IN THE MINISTRY OF AGRICULTURE (SHRI HUKUMDEO NARAYAN YADAV): (a) Yes, Sir.

(b) A project proposal on 'Evaluation and Bio-safety Assessment of Golden Rice for cultivation and Consumption in Karnataka' has been submitted by University of Agriculture Science (UAS), Bangalore, to the Commissioner of Agriculture, Karnataka State Department of Agriculture (KSD A) for funding by the State Government during January; 2003. The approval of the project is awaited. For implementation of the project, a Memorandum of Understanding has been signed between International Rice Research Institute, Philipines and UAS, Bangalore during April 2003.

(c) As the Golden Rice with Beta-Carotene rich endosperm has not yet been developed in Indica background which is suitable for growing in Indian conditions, the question of its encouragement in rural programme at this stage does not arise.

Assistance to KVKs

4345. SHRI THANGA TAMIL SELVAN : Will the Minister of AGRICULTURE be pleased to state:

(a) the number of Krishi Vigyan Kendras (KVKs) functioning in the country alongwith the financial allocation made for each KVKs;

(b) whether the functioning of the KVKs are very useful to the agriculturists;

(c) if so, whether Government would come forward to set up more KVKs and release necessary financial assistance in the current financial year; and

(d) if so, the details thereof?

THE MINISTER OF STATE IN THE MINISTRY OF AGRICULTURE (SHRI HUKUMDEO NARAYAN YADAV): (a) There are 286 functional Krishi Vigyan Kendras (KVKs) in the country. During 2002-2003, based on the availability of audit utilization certificate, an amount of Rs. 8560.71 lakhs was released to 282 KVKs. The financial allocation made for each K VK has been given in the Statement enclosed. *(See* below).

(b)Yes, Sir.

(c) and (d) Establishment of more KVKs during the current financial year will depend on the availability of financial resources.

Statement

Amount Released to Krishi Vigyan Kendras during 2002-2003

S. No.	District	(Rs. Amount in lakhs)
1	2	3
Andaman & Nicobar Islands		
1.	Andaman	37.57
Andhra Pradesh		
2.	Mahboobnagar	26.84
3.	Nalgonda	39.60
4.	East Godavari	41.30
5.	Rangareddy	38.95
6.	Chittoor	22.75
7.	Karimnagar	28.60
8.	Kurnool (Yagantipalli)	38.60
9.	Visakhapatnam	26.45
10.	Medak	28.60
11.	Guntur	50.50
12.	Ananthpur	24.63
13.	West Godavari	26.51
14.	Warangal	30.90
15.	Srikakulam	79.65
16.	Vizianagaram	48.63
17.	Kurnool (Mahamandi)	27.85
18.	Krishna	5.60
	TOTAL	585.96
Arunachal Pradesh		41.10
19.	West Siang	
Assam		
20.	Sibsagar	2.60
Bihar		
21.	Munger	29.60
22.	Wshali	26.10
23.	Begusarai	25.60
24.	Koshi (Saharsa)	31.10
25.	Nalanda	40.10

2	3	1	2	3
26. Banka	38.60	45.	Kheda	24.10
27. Patna	30.32	46.	Gandhinagar	37.10
28. Sheikhpura	18.10	47.	Valsad	33.30
29. Muzaffarpur	26.60	48.	Bharuch	19.10
30. Bhojpur	35.32	49.	Vadodara	13.10
31. Nawada	40.10	50.	Mehsana	16.10
32. Bhabhua	25.10	51.	Kuchchh	26.10
33. Jamui	19.88		TOTAL	258.10
34. Madhubani	29.60	Haryana		29.34
35. Madhepura	3.50	52.	Panipat	
TOTAL	419.62	53.	Kaithal	28.10
Chhattisgarh		54.	Jind	30.10
36. Bilaspur	44.43	55.	Hissar	30.10
37. Sarguja	41.80	56.	Kurukshetra	42.63
38. Durg	33.10	57.	Faridabad	32.97
39. Bastar	17.97	58.	Yamuna Nagar	42.60
TOTAL	137.30	59.	Sonipat	34.06
Delhi		60.	Rohtak	10.60
40. Ujwa	16.55	61.	Sirsa	10.60
Goa		62.	Mahendragarh	10.60
41. South Goa	25.90	63.	Ambala	24.40
Gujarat	26.10	64.	Kamal	30.10
42. Banaskantha		65.	Rewari	26.10
43. Dang	42.10	66.	Gurgaon	43.35
44. Panchmahal	21.00		TOTAL	425.65

1	2	3
Himachal Pradesh		
67.	Kullu	31.62
68.	Chamba	56.95
69.	Una	40.50
70.	Mandi	55.99
71.	Siimaur	45.90
72.	Hamirpur	52.44
73.	Kangra	43.08
74.	Kinnaur	39.44
75.	Shimla	44.21
	TOTAL	410.13
Jammu & Kashmir		
76.	Jammu	38.85
77.	Rajouri	15.00
78.	Doda	3.50
79.	Leh	27.31
80.	Puhvama	51.10
81.	Srinagar	14.00
82.	Budgam	14.00
83.	Kathua	11.55
	TOTAL	175.31
Jharkhand		
84.	West Singhbhum	23.60
85.	Palamau	3.50
86.	Deoghar	25.10
87.	Ranchi	13.80
88.	Hazaribagh	24.76
89.	Dhanbad	13.05
	TOTAL	103.81
Karnataka		
90.	Raichur	24.20
91.	Bellary	22.90
92.	Haveri	32.94
93.	Badar	28.32
94.	Hassan	28.70
95.	Chikmagalur	19.70
96.	Kogadu	28.70
97.	Mysore	38.70
98.	Belgaum	18.60
99.	Gadag	28.90
	TOTAL	425.65
Kerala		
100.	Palakkad	31.68
101.	Koliam	34.10
102.	Wayanad	29.10
103.	Kasaragode	25.60
104.	Thiruvanathapuram	25.60
105.	Idukki	26.90
106.	Pathanamthitta	23.60
107.	Emakulam	22.10

1	2	3	1	2	3
108.	Kozhikode	23.40	129.	Dindori	8.30
	TOTAL	242.08		TOTAL	531.77
Lakshadweep Island			Maharashtra		
109.	Lakshadweep	18.60	130.	Wardha	54.84
Madhya Pradesh			131.	Bhandara	7.75
110.	Chhindwara	30.18	132.	Aurangabad	70.39
111.	Jhabua	33.12	133.	Ratnagiri	26.20
112.	Sidhi	29.60	134.	Dhule	56.87
113.	Shahdol	24.10	135.	Nashik	23.40
			136.	Parbhani	28.10
114.	Khandwa	27.10	137.	Kolhapur	30.10
115.	Tikamgarh	34.61	138.	Buldhana	42.10
116.	Seoni	18.10	139.	Amravati (Ghatkhed)	29.09
117.	Gwalior	59.12	140.	Amravati (Durgapur)	49.62
118.	Rajgarh	33.38	141.	Nanded	33.60
119.	Guna	25.23	142.	Solapur	42.90
120.	Betul	21.10	143.	Washim	32.95
121.	Panna	17.10	144.	Sindhudurg	30.64
122.	Dhar	22.10	145.	Thane	30.92
123.	Balaghat	14.10	146.	Jalgaon	30.49
			147.	Beed	36.90
124.	Ratlam	39.13	148.	Satara	15.60
125.	Satna	31.10	149.	Pune	26.10
126.	Bhopal	29.10	150.	Ahmednagar	41.97
127.	Indore	23.10	151.	Sangli	21.10
128.	Sehore	12.10	152.	Jalna	24.35

1	2	3
153.	Nagpur	23.20
154.	Hingoli	16.50
155.	Nandurbar	24.32
	TOTAL	850.00
Manipur		
156.	Imphal	56.60
157.	Senapati	3.50
	TOTAL	60.10
Meghalaya		
158.	West Garro Hills	40.00
159.	Ri-Bhoi	15.00
	TOTAL	55.00
Mizoram		
160.	Lunglei	43.10
161.	Kolasib	50.10
	TOTAL	93.20
Nagaland		
162.	Kohima	28.10
163.	Mokokchung	3.50
164.	Phek	15.60
	TOTAL	47.20
Orissa		
165.	Koraput	31.10
166.	Kendrapara	42.37
167.	Keonjhar	32.30
168.	Balasore	30.30
169.	Ganjam	36.00
170.	Sambalpur	29.30
171.	Kha ndhamal (Phulbani)	28.30
172.	Kalahandi	28.10
173.	Jajpur	15.60
174.	Dhenkanal	26.40
175.	Angul	26.40
176.	Cuttack	40.50
177.	Khurda	50.00
	TOTAL	416.67
Pondicherry		
178.	Karaikal	28.60
179.	Pondicherry	25.60
	TOTAL	54.20
Punjab		
180.	Faridkot	42.50
181.	Gurdaspur	41.97
182.	Firozepur	44.60
183.	Bathinda	52.66
184.	Hoshiarpur	46.99
185.	Patiala	58.28
186.	Kapurthala	49.02
187.	Sangrur	37.23

1	2	3
188.	Nawanshehar	41.68
189.	Abohar	26.60
	TOTAL	441.53
Rajasthan		
190.	Dausa	49.42
191.	Jhunjhunu	29.10
192.	Bikaner	50.23
193.	Swaimadhopur	23.10
194.	Ajmer	48.80
195.	Dhoulpur	17.10
196.	Sikar	40.68
197.	Jalore	37.83
198.	Alwar	22.10
199.	Bharatpur	42.12
200.	Jaisalmer	12.10
201.	Nagaur	16.10
202.	Kotputlijaipur	41.75
203.	Dungarpur	29.10
204.	Banswara	64.66
205.	Baran	45.62
206.	Sirohi	56.24
207.	Chittorgarh	67.73
208.	Kota	44.85
209.	Bundi	24.10
210.	Jhalawar	37.58
211.	Rajsamand	79.01
212.	Bhilwara	26.10
213.	Chomu, Jaipur	25.10
214.	Tonk	33.10
215.	Udaipur	27.10
216.	Chum	25.10
217.	Banner	22.10
218.	Hanumangarh	28.60
219.	Jodhpur	31.60
220.	Pali	21.10
	TOTAL	1119.22
Sikkim		
221.	East Sikkim	43.35
Tamilnadu		
222.	Salem	38.30
223.	Cuddabre	20.70
224.	Tricnirappali	29.70
225.	Kancheepuram	22.52
226.	Theni	19.10
227.	Nilgiri	24.70
228.	Dindigul	25.40
229.	Tiruvanarnalai	22.60
230.	Tirunerveli	33.90
231.	Sivagangal	21.10
232.	Dharmapuri	8.50
233.	Thanjavur	38.70
234.	Erode (Periar)	17.70
235.	Toothukudi (Chidambaranar)	25.40
236.	Coimbatore	25.60
237.	Perambalur	27.60
	TOTAL	401.52

1	2	3	1	2	3
Tripura			263.	Gonda	40.80
238.	West Tripura	21.60	264.	Chitrakoot	32.35.
239.	South Tripura	31.10	265.	Allahabad	45.44
	TOTAL	52.70	266.	Sidharth Nagar	27.85
Uttar Pradesh			267.	Mirzapur	29.85
240.	Sahajahanpur	22.85	268.	Bareilly	24.85
241.	Bijnor	16.35	269.	Unnao	52.77
242.	Saharanpur	24.85	270.	Pratapgarh	47.35
243.	Budaun	27.85	271.	Gazipur	27.85
244.	Ghaziabad	26.85		TOTAL	912.06
245.	Rampur	17.85	Uttranchal Pradesh		37.85
246.	Muzzaffamagar	25.85	272.	Pithoragarh	
247.	Meerut	25.85	273.	Tehri Garhwal	26.85
249.	Bahraich	8.60		TOTAL	64.70
250.	Ballia	30.35	West Bengal		
251.	Mau	37.85	274.	Darjeeling	26.10
252.	Varanasi	29.35	275.	South 24 Parganas	29.90
253.	Basti	24.35	276.	Medinipur	25.10
254.	Jhansi	37.35	277.	Bardhaman	13.05
255.	Mathura	23.85	278.	Birbhum	26.10
256.	RaiBareli	24.35	279.	Bankura	36.80
257.	Fetehpur	31.35	280.	Purulia	30.60
258.	Aligarh	22.85	281.	South 24 Parganas	30.10
259.	Lucknow	27.35	282.	Jalpaiguri	27.80
260.	Sultanpur	8.10			
261.	Etah	42.85		TOTAL	425.65
262.	Agra	37.85		GRAND TOTAL	8560.71
		8.25			